

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference CF018152WO	FOR FURTHER ACTION <small>see Form PCT/ISA/220 as well as, where applicable, item 5 below.</small>	
International application No. PCT/JP2004/007467	International filing date (day/month/year) 25/05/2004	(Earliest) Priority Date (day/month/year) 27/05/2003
Applicant CANON KABUSHIKI KAISHA		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 04 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b. ☐ With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2. ☐ **Certain claims were found unsearchable** (See Box II).

3. ☐ **Unity of invention is lacking** (see Box III).

4. With regard to the title,

☐ the text is approved as submitted by the applicant.

☒ the text has been established by this Authority to read as follows:

LIQUID, PH-SENSITIVE INK, METHOD AND APPARATUS USING THE SAME

5. With regard to the abstract,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regards to the drawings,

a. the figure of the **drawings** to be published with the abstract is Figure No. 1

☐ as suggested by the applicant.

☒ as selected by this Authority, because the applicant failed to suggest a figure.

☐ as selected by this Authority, because this figure better characterizes the invention.

b. ☐ none of the figures is to be published with the abstract.

INTERNATIONAL SEARCH REPORT

International Application No
PCT/JP2004/007467

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C09D11/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C09D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 990 227 A (AOKI MAKOTO ET AL) 23 November 1999 (1999-11-23) column 4, lines 23-43 column 2, line 58	1-11
X	EP 1 243 624 A (CANON KK) 25 September 2002 (2002-09-25) paragraphs '0113! - '0119!, '0165!; example 4	1-11
X	EP 1 245 396 A (CANON KK) 2 October 2002 (2002-10-02) paragraph '0047!	1-11
X	EP 0 952 196 A (HEWLETT PACKARD CO) 27 October 1999 (1999-10-27) examples	1-11
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *G* document member of the same patent family

Date of the actual completion of the international search

5 August 2004

Date of mailing of the international search report

11/08/2004

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INTERNATIONAL SEARCH REPORT

International Application No

PCT/JP2004/007467

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 201 719 A (HEWLETT PACKARD CO) 2 May 2002 (2002-05-02) paragraphs '0025! - '0028!, '0031!, '0038!, '0040! -----	1-11

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/JP2004/007467

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5990227	A	23-11-1999	JP 3323565 B2	09-09-2002
			JP 6128514 A	10-05-1994
			AT 159976 T	15-11-1997
			AU 4199593 A	20-01-1994
			CA 2100202 A1	18-01-1994
			DE 69315004 D1	11-12-1997
			DE 69315004 T2	16-04-1998
			EP 0581135 A1	02-02-1994
			KR 138891 B1	28-04-1998
			KR 138801 B1	28-04-1998
			US 5623294 A	22-04-1997
EP 1243624	A	25-09-2002	JP 2003089752 A	28-03-2003
			EP 1243624 A1	25-09-2002
			US 2002186288 A1	12-12-2002
EP 1245396	A	02-10-2002	JP 2002292989 A	09-10-2002
			EP 1245396 A2	02-10-2002
			US 2002180854 A1	05-12-2002
EP 0952196	A	27-10-1999	US 6247808 B1	19-06-2001
			BR 9901824 A	21-03-2000
			CN 1236794 A	01-12-1999
			DE 69909008 D1	31-07-2003
			DE 69909008 T2	06-05-2004
			EP 0952196 A1	27-10-1999
			JP 11342635 A	14-12-1999
EP 1201719	A	02-05-2002	US 6500880 B1	31-12-2002
			EP 1201719 A1	02-05-2002
			JP 2002212479 A	31-07-2002